

**WARREN TOWNSHIP SEWERAGE AUTHORITY**

**RESOLUTION NO. 11 - 105**

**RESOLUTION GRANTING PRELIMINARY AND FINAL APPROVAL OF THE APPLICATION OF THE PINGRY SCHOOL FOR A PLAN TO RESTRICT THE RATE OF SANITARY SEWAGE FLOW DISCHARGED FROM THE PINGRY SCHOOL LOCATED ON BLOCK 190, LOTS 12, 26 & 27 TO THE AUTHORITY'S MIDDLEBROOK SEWER SERVICE AREA**

**WHEREAS**, the applicant, The Pingry School, has applied to the Authority for preliminary and final approval for a plan to restrict the rate of sanitary sewage flow discharged from The Pingry School, located on Block 190, Lots 12, 26 and 27, to the Authority's Middlebrook sewer service area; and

**WHEREAS**, by Resolution No. 11-27, the Authority previously granted Conceptual Approval to the Application of the Pingry School for a plan to restrict the rate of sanitary sewage flow discharged from The Pingry School; and

**WHEREAS**, previous communications between the Authority and the Pingry School resulted in a determination that the flow capacity from the School's existing pumping facilities should be limited to 69 gallons per minute (gpm); and

**WHEREAS**, the design plan prepared by the applicant's engineer consists of re-directing the discharge from the existing wet well and pumps to two (2) 1,000 gallon flow equalization chambers and the installation of a new 3-inch pressure sewer from the equalization chambers to the existing connection point to the Authority's sewer system at a manhole located within Martinsville Road; and

**WHEREAS**, the majority of the new 3-inch sewer would be slip-lined within the existing 6-inch force main to the Martinsville Road manhole; and

**WHEREAS**, the Authority's Engineer has reviewed the proposed plan only as it relates to limiting the rate of flow discharged to the Authority's sewer system and to construction details to ensure watertight construction and prevent inflow/infiltration from entering the Authority's system; and

**WHEREAS**, the proposed system relies on gravity and the resulting flow rates will depend on several factors, including the choice of the 3-inch discharge line, and it is expected that the plan will significantly reduce the flow rate relative to the existing pumped flow capacity of over 200 gpm and will result in a maximum flow capacity of approximately 69 gpm; and

**WHEREAS**, by memorandum dated October 10, 2011, the Authority's Engineer has indicated that he has reviewed the drawings and the application submitted by The Pingry School, which consist of Sheets IA and B through 8 of 8, dated July 12, 2011, as prepared by Fred Yoerg and Associates, PC and recommends that the Authority grant preliminary and final approval subject to the applicant meeting the conditions set forth below.

**NOW, THEREFORE, BE IT RESOLVED** by the Warren Township Sewerage Authority, County of Somerset, State of New Jersey, that the Authority hereby grants Preliminary and Final Approval to The Pingry School for the proposed flow equalization facilities to be constructed on the school property to reduce the maximum discharge rate of sewage to the Authority's system. This approval is contingent upon the following conditions:

1. The Authority's Engineer has reviewed the calculations for the maximum flow provided by the applicant's engineer in a letter dated July 20, 2011, and he concurs that the estimated flow from the proposed arrangement is approximately 69 gallons per minute (gpm). However, this is a predicted flow rate based on theoretical calculations, and should the actual flow rate from the proposed system be found to be greater than 69 gpm, the Pingry School shall be responsible for further modifications to limit the flow to the stipulated rate.

2. In the July 20, 2011 letter, the applicant's engineer indicated that the nominal 3-inch diameter HDPE pipe to be used will be Class DR 11, with an actual average inside diameter of 2.8 inches. This is the diameter upon which the applicant's engineer's flow calculations are based. However, this information does not appear to be included on the plans. The 3-inch HDPE piping shall be DR11 and the plans shall be revised to reflect such.

3. At the connection to the Authority's manhole, the annular space between the existing 6-inch pipe and the new 3-inch HDPE pipe shall be sealed watertight with a non-shrink grout plug not less than 9 inches thick.

4. Approval by the Authority of the proposed system does not constitute approval of any additional flow from the School. Any connection of additional flow will require a separate application to and approval from the Authority.

5. It shall be the applicant's responsibility to obtain any permits or approvals that may be required from other agencies, such as NJDEP and Bernards Township.

6. The ownership and maintenance of the flow equalization facilities shall remain that of The Pingry School.

7. All new sanitary sewer construction on the school property is under the jurisdiction of Bernards Township. The connection of the new 3-inch pipe into the Authority's existing manhole is under the jurisdiction of the Authority and must be


inspected by a representative of the Authority. The applicant shall pay an escrow deposit in the amount of \$300 to cover this inspection.

Moved by Mr. Truglio  
Seconded by Mr. Kaufman

Roll Call Vote	Yes	No
Chairman Reeder	<u>  x  </u>	<u>      </u>
Mr. Florey	<u>      </u>	<u>      </u>
Ms. Garafola	<u>      </u>	<u>      </u>
Mr. Truglio	<u>  x  </u>	<u>      </u>
Mr. Vetter (Alternate #1)	<u>  x  </u>	<u>      </u>
Mr. Kaufman (Alternate #2)	<u>  x  </u>	<u>      </u>

**CERTIFICATION**

I, Deborah Catapano, Secretary of the Warren Township Sewerage Authority in the County of Somerset, New Jersey, do hereby certify that the above resolution is a true and correct copy of a resolution adopted at a meeting of the Warren Township Sewerage Authority on October 19, 2011.

  
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Deborah Catapano, Authority Secretary